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(71) Applicant (*for all designated States except US*): VITAL HEALTH SCIENCES PTY LTD [AU/AU]; Level 2, 90 William Street, Melbourne, VIC 3000 (AU).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): WEST, Simon, Michael [AU/AU]; 3 Verdon Street, Williamstown, VIC 3016 (AU). KANNAR, David [AU/AU]; 182 Belgrave Hallam Road, Belgrave South, VIC 3160 (AU).

(74) Agent: MALLESONS, Stephen, Jaques; Level 28 Ri-alto, 525 Collins Street, Melbourne VIC 3000 (AU).

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(54) Title: PHOSPHATE DERIVATIVES

(57) Abstract: According to the invention, there is provided a phosphate derivative of a phenolic hydroxy compound comprising the reaction product of the following steps: (d) reacting the phenolic hydroxy compound with an alkyl  $\alpha,\omega$  dialdehyde or a sugar-like polyhydroxy dialdehyde to form a hemiacetal; (e) reducing the terminal aldehyde group on the product from step (a) to a hydroxyl group; and (f) phosphorylating the hydroxyl group formed in step (b) to produce a phosphate derivative of the phenolic hydroxy compound.

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